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Substitu	te for form 1449A/P'	10		Application Number	Unknown	
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ST	ATEMENT	BYA	PPLICANT	First Named Inventor	Paul D. Lord et al.	
				Group Art Unit	Unknown	
	(use as many	sheets as n	necessary)	Examiner Name	Unknown	
Sheet 1 of 2		Attorney Docket Number	HES 2000-IP-004018U1D1			

				U.S. PATENT DOCUMENTS	3	
Examiner Initials*	Cite No.1	U.S. Patent C Number	Nocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
P	1	3,888,312		Tiner et al.	06-10-1975	
	2	4,462,917		Conway	07-31-1984	
	3	4,609,479		Smeltz	09-02-1986	
	4	5,759,964		Shuchart et al.	06-02-1998	
Į.	5	5,827,804		Harris et al.	10-27-1998	
ا رولا	6	6,227,295		Mitchell et al.	05-08-2001	
111.	_ 7	6,257,335		Nguyen et al	07-10-2001	
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		Office ³	Number	Kind Code ⁵ (if known)				
PT	21		WO 96/196	37	Union Oil Company of California	06-27-1996		X
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				Group Art Unit	Unknown	
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Examiner Initials	Cite No.1	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	172
Pir	7	G.T. BLAIR and M.F. ZIENTY, "Citric Acid Chelation," CITRIC ACID: PROPERTIES AND REACTIONS, 1975, p. 71, Industrial Marketing Dept., Citrotech Division, Miles Laboratories, Inc. Elkhart, Indiana	
Pili	8	J.C. KOTZ and K.F. PURCELL, "Naming Coordination Compounds," Chemistry & Chemical Reactivity, 1987, p. 962, Saunders College Publishing, Philadelphia, PA	
P.T.	9	A.S. de KRUIJF, L.P. ROODHART and D.R. Davies, Relation Between Chemistry and Flow Mechanics of Borate-Crosslinked Fracturing Fluids, August 1993, p. 165, SPEPF 25206	
P.T.	10	H. LE and R. WOOD, New Frac Fluid Enhances Options for Offshore Wells, Ocean Industry, March 1992, p. 49	
M	11	P.C. HARRIS and D. VAN BATENBURG, A Comparison of Freshwater- and Seawater-Based Borate-Crosslinked Fracturing Fluids, February 16-19, 1999, SPE 50777, 1999 International Symposium on Oilfield Chemistry, Houston, Texas	
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